

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-2 (Cancelled)

Claim 3 (Currently amended): ~~Device according to claim 1, characterized in~~ Device for discharge or outfeed of a pasty product, preferably foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is accomplished by imparting a triggering movement to a trigger (6), said triggering movement being transferred to a piston means (11) such that said piston means (11) is brought to perform a discharge movement in a discharge direction (F) for discharge or outfeed of the product (2) from the container (3),

characterized in

that at least one retraction or withdrawal means (24) is provided for imparting to the piston means (11) a retraction movement in a retraction direction (R) opposite to the discharge direction (F), such that the pressure from the piston means (11) against the container (3) is relieved for accomplishing non-drop operation after discharge,

that at least one stroke setting or stroke determining means (30) is provided for determining the stroke of the piston means (11) and thereby, the dose volume during each discharge or outfeed of product (2) from the container (3),

that a stroke setting means (30) for determining a stroke of the piston means (11) is replaceably provided on said piston means (11) such that it can be replaced by another stroke setting means (30) for determining or setting another stroke.

that the retraction means (24) comprises a sleeve-like member (25) which is threaded onto a piston rod (12) of the piston means (11),

that the retraction means (24) further includes two arms (26) which extend in a forward direction from the sleeve-like member (25) and are located on opposite sides of the piston rod (12), and

that the arms (26) at the front are connected with each other through a front member (27) which is threaded onto the piston rod (12).

Claims 4-5 (Cancelled)

Claim 6 (Currently Amended): ~~Device according to claim 1, characterized in~~ Device for discharge or outfeed of a pasty product, preferably foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is accomplished by imparting a triggering movement to a trigger (6), said triggering movement being transferred to a piston means (11) such that said piston means (11) is brought to perform a discharge movement in a discharge direction (F) for discharge or outfeed of the product (2) from the container (3).

characterized in

that at least one retraction or withdrawal means (24) is provided for imparting to the piston means (11) a retraction movement in a retraction direction (R) opposite to the discharge direction (F), such that the pressure from the piston means (11) against the container (3) is relieved for accomplishing non-drop operation after discharge.

that at least one stroke setting or stroke determining means (30) is provided for determining the stroke of the piston means (11) and thereby, the dose volume during each discharge or outfeed of product (2) from the container (3).

that a stroke setting means (30) for determining a stroke of the piston means (11) is replaceably provided on said piston means (11) such that it can be replaced by another stroke setting means (30) for determining or setting another stroke, and

that the stroke setting means (30) is a slotted sleeve (31) which can be threaded onto a piston rod (12) of the piston means (11) from a lateral direction and which is provided such that the length (L) thereof determines the stroke of the piston means (11).

Claim 7 (Currently amended): ~~Device according to claim 1, characterized in~~ Device for discharge or outfeed of a pasty product, preferably foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is accomplished by imparting a triggering movement to a trigger (6), said triggering movement being transferred to a piston means (11) such that said piston means (11) is brought to perform a discharge movement in a discharge direction (F) for discharge or outfeed of the product (2) from the container (3).

characterized in

that at least one retraction or withdrawal means (24) is provided for imparting to the piston means (11) a retraction movement in a retraction direction (R) opposite to the discharge direction (F), such that the pressure from the piston means (11) against the container (3) is relieved for accomplishing non-drop operation after discharge.

that at least one stroke setting or stroke determining means (30) is provided for determining the stroke of the piston means (11) and thereby, the dose volume during each discharge or outfeed of product (2) from the container (3).

that a stroke setting means (30) for determining a stroke of the piston means (11) is replaceably provided on said piston means (11) such that it can be replaced by another stroke setting means (30) for determining or setting another stroke.

that the stroke setting means (30) and the retraction means (24) are provided on the piston means (11) such that the stroke setting means (30), in the discharge direction (F), is located behind the retraction means (24), and

that the stroke setting means (30) is provided to limit the stroke of the piston means (11) by limiting the retraction movement thereof in the retraction direction (R) by indirect or direct cooperation with a body (4) of the discharge device (1) and by the stroke setting means (30) determining the length of the movement of the retraction means (24) in the retraction direction (R).

Claim 8 (Currently amended): ~~Device according to claim 1,~~ characterized in Device for discharge or outfeed of a pasty product, preferably foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is accomplished by imparting a triggering movement to a trigger (6), said triggering movement being transferred to a piston means (11) such that said piston means (11) is brought to perform a discharge movement in a discharge direction (F) for discharge or outfeed of the product (2) from the container (3),

characterized in

that at least one retraction or withdrawal means (24) is provided for imparting to the piston means (11) a retraction movement in a retraction direction (R) opposite to the discharge direction (F), such that the pressure from the piston means (11) against the container (3) is relieved for accomplishing non-drop operation after discharge,

that at least one stroke setting or stroke determining means (30) is provided for determining the stroke of the piston means (11) and thereby, the dose volume during each discharge or outfeed of product (2) from the container (3),

that a stroke setting means (30) for determining a stroke of the piston means (11) is replaceably provided on said piston means (11) such that it can be replaced by another stroke setting means (30) for determining or setting another stroke,

that at least one retraction stop means (32) is provided on the piston means (11) behind the stroke setting means (30), seen in the discharge direction (F),

that the retraction stop means (32) cooperates with the piston means (11) with such friction that it is brought along therewith in the discharge and retraction directions (F, R) and is movable between a rear and a front contact surface (39, 40),

that the distance (T) between the rear and front contact surfaces (39, 40) corresponds or substantially corresponds with an idle movement of the piston means (11) in the discharge direction (F), at which idle movement the piston means (11) is reset after a preceding discharge movement for subsequent discharge of product (2) from the container (3), and

that the retraction stop means (32), when engaging the rear contact surface (39), stops the retraction movement of the stroke setting means (30), the retraction means (24) and the piston means (11) in the retraction direction (R).

Claim 9 (Original): Device according to claim 8, characterized in

that the retraction stop means (32) has the shape of a sleeve (37) which is threaded onto a piston rod (12) of the piston means (11) and which with friction cooperates therewith, and that the rear and front contact surfaces (39, 40) are defined by a body (4) of the discharge device (1).

Claims 10-11 (Cancelled)

Claim 12 (Original): ~~Device according to claim 11, characterized in~~ Device for discharge or outfeed of a pasty product, preferably foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is accomplished by imparting a triggering movement to a trigger (6), said triggering movement being transferred to a piston means (11) such that said piston means (11) is brought to perform a discharge movement in a discharge direction (F) for discharge or outfeed of the product (2) from the container (3),

characterized in

that at least one retraction or withdrawal means (24) is provided for imparting to the piston means (11) a retraction movement in a retraction direction (R) opposite to the discharge direction (F), such that the pressure from the piston means (11) against the container (3) is relieved for accomplishing non-drop operation after discharge.

that at least one stroke setting or stroke determining means (30) is provided for determining the stroke of the piston means (11) and thereby, the dose volume during each discharge or outfeed of product (2) from the container (3).

that a stroke setting means (30) for determining a stroke of the piston means (11) is replaceably provided on said piston means (11) such that it can be replaced by another stroke setting means (30) for determining or setting another stroke.

that a gripping appliance (19) is provided to be affected by the trigger (6) such that it is brought to grasp the piston means (11) for transfer of the triggering movement (A) of the trigger (6) to the piston means (11) for imparting thereto a discharge movement in the discharge direction (F).

that the gripping appliance (19) and the retraction means (24) cooperate with each other such that the retraction means (24) can pull the gripping appliance (19) in the retraction direction (R) relative to the piston means (11).

that the retraction means (24) has contact surfaces (28, 29) between which the gripping appliance (19) is provided and through which the retraction means (24) can cooperate with the gripping appliance (19), said contact surfaces (28, 29) having convex arcuate shape relative to the gripping appliance (19), and

that the arcuate shape of the contact surfaces (28, 29) constitute parts of a circular arc, the centre of which lies on or close to a geometric centre line (CL) which extends along a piston rod (12) of the piston means (11).

Claim 13 (Currently amended): ~~Device according to claim 11,~~
~~characterized in~~ Device for discharge or outfeed of a pasty product, preferably
foodstuff, from a container,

wherein the discharge of the product (2) from the container (3) is
accomplished by imparting a triggering movement to a trigger (6), said triggering
movement being transferred to a piston means (11) such that said piston means (11)
is brought to perform a discharge movement in a discharge direction (F) for
discharge or outfeed of the product (2) from the container (3),

characterized in

that at least one retraction or withdrawal means (24) is provided for
imparting to the piston means (11) a retraction movement in a retraction direction (R)
opposite to the discharge direction (F), such that the pressure from the piston
means (11) against the container (3) is relieved for accomplishing non-drop
operation after discharge,

that at least one stroke setting or stroke determining means (30) is
provided for determining the stroke of the piston means (11) and thereby, the dose
volume during each discharge or outfeed of product (2) from the container (3),

that a stroke setting means (30) for determining a stroke of the piston
means (11) is replaceably provided on said piston means (11) such that it can be
replaced by another stroke setting means (30) for determining or setting another
stroke,

that a gripping appliance (19) is provided to be affected by the trigger (6) such that it is brought to grasp the piston means (11) for transfer of the triggering movement (A) of the trigger (6) to the piston means (11) for imparting thereto a discharge movement in the discharge direction (F),

that the gripping appliance (19) and the retraction means (24) cooperate with each other such that the retraction means (24) can pull the gripping appliance (19) in the retraction direction (R) relative to the piston means (11), and

that the gripping appliance (19) has one or more washers (20) which are threaded onto a piston rod (12) of the piston means (11) and which by the trigger (6) can be set obliquely such that they are brought to engage the piston rod (12) and transfer the triggering movement of the trigger (6) to the piston rod (12) such that said piston rod (12) is brought to perform its discharge movement.

Claims 14-21 (Cancelled)